

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b> 09/885,269	<b>Applicant(s)</b> CRANE ET AL.	
	<b>Examiner</b> Michael J. Feely	<b>Art Unit</b> 1712	

**All Participants:**

(1) Michael J. Feely.

(2) Steven C. Bauman (Reg. No. 33,832).

**Status of Application: \_\_\_\_\_**

(3) \_\_\_\_\_.

(4) \_\_\_\_\_.

**Date of Interview:** 3 April 2006

**Time:** \_\_\_\_\_

**Type of Interview:**

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

**Exhibit Shown or Demonstrated:** ☐ Yes ☒ No

If Yes, provide a brief description:

**Part I.**

Rejection(s) discussed:

*n/a*

Claims discussed:

*2,4,10*

Prior art documents discussed:

*n/a*

**Part II.**
**SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:**

*Mr. Bauman accepted the proposed examiner's amendment (see attached fax).*

**Part III.**

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.  
☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

  
 (Examiner/SPE Signature)

\_\_\_\_\_  
 (Applicant/Applicant's Representative Signature – if appropriate)



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# Fax Cover Sheet

**Date:** 29 Mar 2006

<b>To:</b> Steven C. Bauman (Reg. No. 33,832)	<b>From:</b> Michael J. Feely
<b>Application/Control Number:</b> 09/885,269	<b>Art Unit:</b> 1712
<b>Fax No.:</b> (860) 571-5028	<b>Phone No.:</b> (571) 272-1086
<b>Voice No.:</b> (860) 571-5100	<b>Return Fax No.:</b> (571) 273-1086
<b>Re:</b> Proposed Examiner's amendment for 09/885,269	<b>CC:</b>
<input type="checkbox"/> <b>Urgent</b> <input checked="" type="checkbox"/> <b>For Review</b> <input type="checkbox"/> <b>For Comment</b> <input checked="" type="checkbox"/> <b>For Reply</b> <input type="checkbox"/> <b>Per Your Request</b>	

Comments:  
Mr. Bauman

Attached is a proposed Examiner's amendment to put case 09/885,269 in condition for allowance. Please review the proposed changes and let me know if they are acceptable for your client.

Thanks,

Michael J. Feely

**MICHAEL FEELY**  
**PRIMARY EXAMINER**

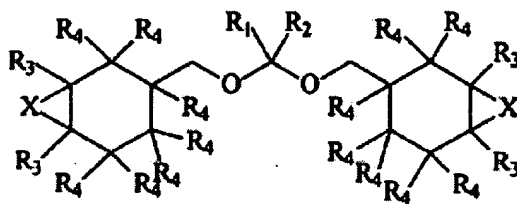
**Number of pages 5 including this page**

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2. (Currently Amended) A curable composition comprising a compound having at least one thermally cleavable linkage represented by the formula:

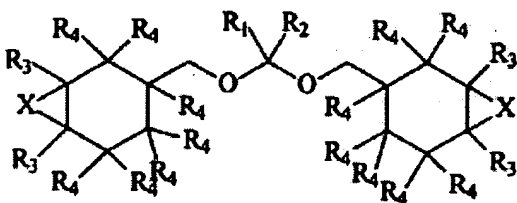


II

where R<sub>1</sub> and R<sub>2</sub> are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, phenyl, hydroxyphenyl, methoxyphenyl, tolyl, and benzyl; each R<sub>3</sub> is independently selected from the group consisting of hydrogen, methyl, ethyl, propyl and isopropyl; each R<sub>4</sub> is independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, butyl, isobutyl, *t*-butyl, C<sub>1-4</sub> alkoxy, halogen, cyano, and nitro; and X is independently selected from O and S, provided that at least one X is S.

*{Formal Markush language was inserted to be consistent with the other independent claims.}*

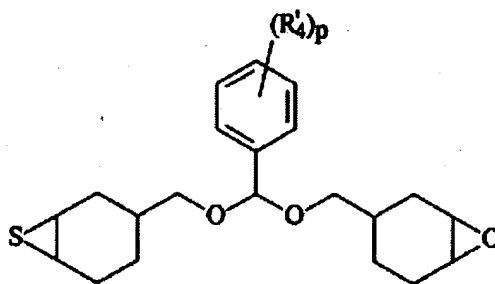
4. (Currently Amended) A curable composition comprising a compound having at least one thermally cleavable linkage represented by the formula:



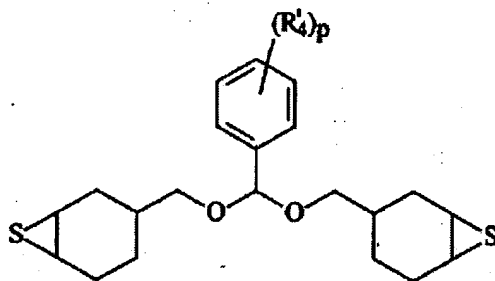
II

where R<sub>1</sub> and R<sub>2</sub> are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, phenyl, hydroxyphenyl, methoxyphenyl, tolyl, ethylphenyl,

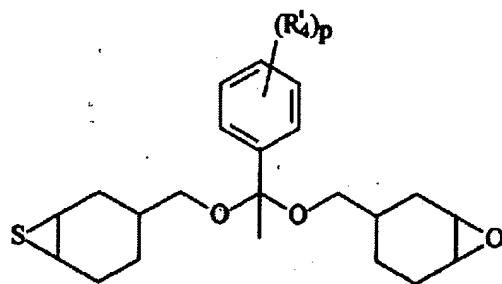
propylphenyl, and benzyl; each  $R_3$  is independently selected from the group consisting of hydrogen, methyl, ethyl, propyl and isopropyl; each  $R_4$  is independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, butyl, isobutyl, *t*-butyl,  $C_{1-4}$  alkoxy, halogen, cyano, and nitro; and X is independently selected from O and S, provided that at least one X is S, wherein said compound is selected from the group consisting of:



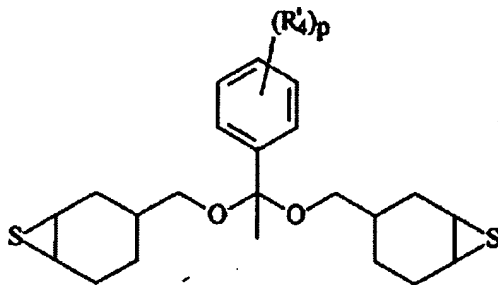
VII



VII'



VIII



VIII'

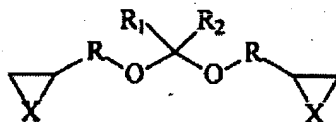
wherein  $[[R_4]]$   $R_4$  is a member selected from the group consisting of hydrogen, methyl, ethyl  $[[or]]$  and propyl  $[[,]]$ ; and  $p$  is 1-5.

*{There were two distinct  $R_4$  groups: one in Formula II, and one in Formulae VII, VII', VIII, VIII'. The latter  $R_4$  was changed to  $R'_4$ . Formal Markush language was also inserted for consistency.}*

10. (Currently Amended) A thermosetting resin composition comprising:

I) a curable resin component, at least a portion of which comprises a curable composition comprising a compound having at least one thermally cleavable linkage and being selected from the group consisting of:

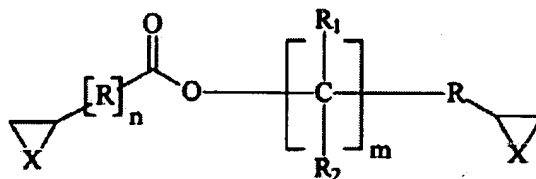
a)



where each  $R$  is independently selected from the group consisting of  $C_1$ - $C_{10}$  alkylene, cycloalkylene, arylene, aralkylene, and alkarylene;  $R_1$  and  $R_2$  are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, phenyl,

hydroxyphenyl, methoxyphenyl, tolyl, and benzyl; and X is independently selected from O and S, provided that at least one X is S; and

b)



IX

where each R is independently selected from the group consisting of C<sub>1</sub>-C<sub>10</sub> alkyl, cycloalkyl, aryl, aralkyl, and alkaryl alkylene, cycloalkylene, arylene, aralkylene, and alkaryl; R<sub>1</sub> and R<sub>2</sub> are each independently selected from the group consisting of hydrogen, methyl, ethyl, propyl, phenyl, hydroxyphenyl, methoxyphenyl, tolyl, and benzyl; m is 0 or 1; n is 0 or 1; and X is independently selected from O and S, provided that at least one X is S;

and combinations thereof;

II) a curing agent component comprising a member selected from the group consisting of anhydride compounds, amine compounds, amide compounds, imidazole compounds, and combinations thereof;

III) one or more materials selected from the group consisting of flowability agents, adhesion promoters, and cyanate esters; and

IV) optionally, an inorganic filler component.

*{The R group for (b) was clarified, as in (a), to alleviate the 112 2<sup>nd</sup> rejection of the previous Office action. Formal Markush language was also inserted for consistency.}*